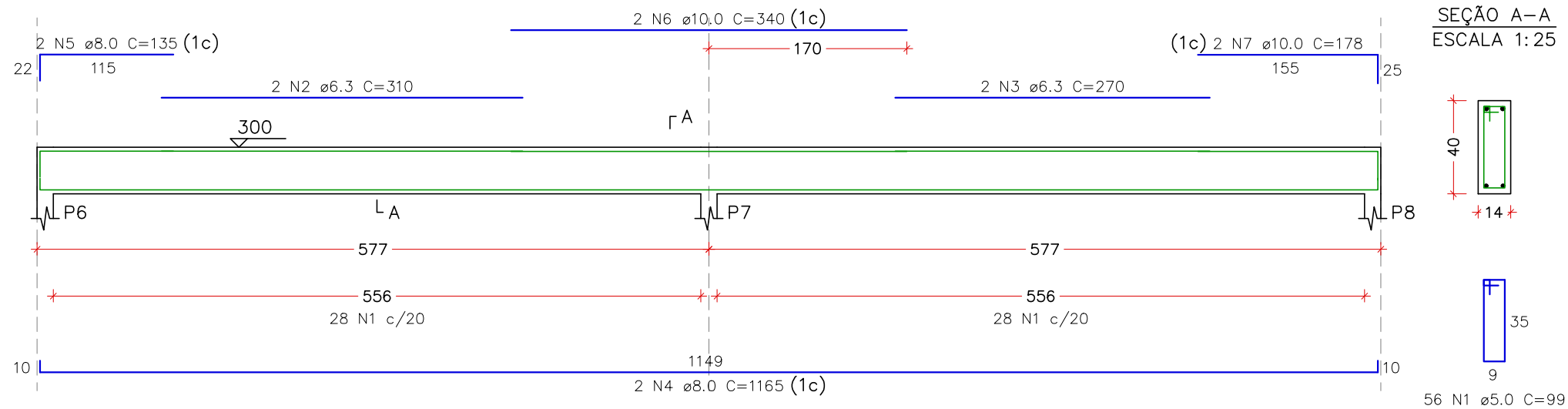
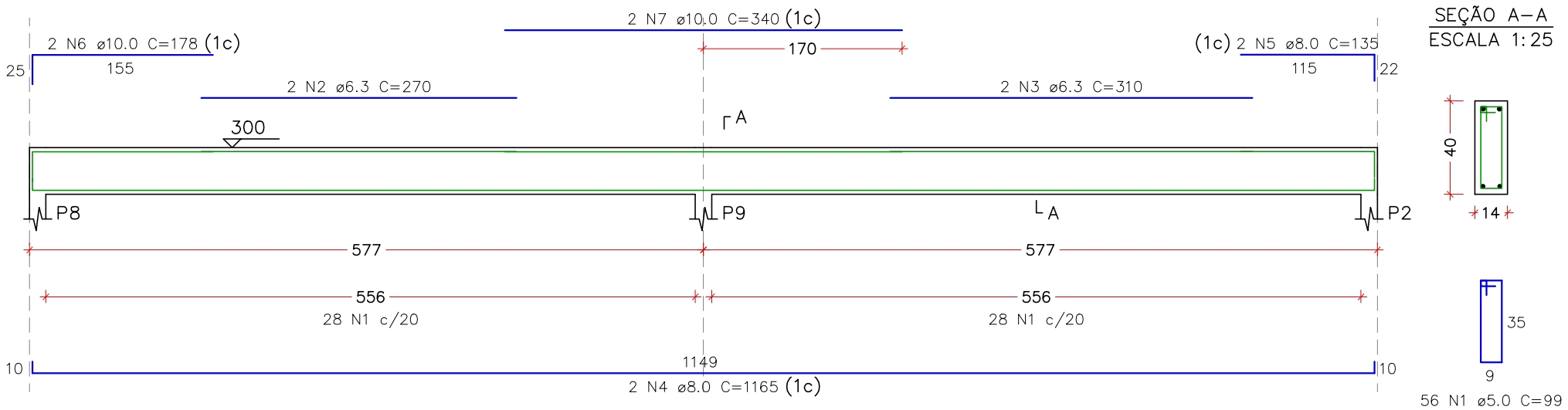


PROJETO ESTRUTURAL – AMPLIAÇÃO DO CEIM MARILISA LOPES DE OLIVEIRA
ESCALA INDICADA

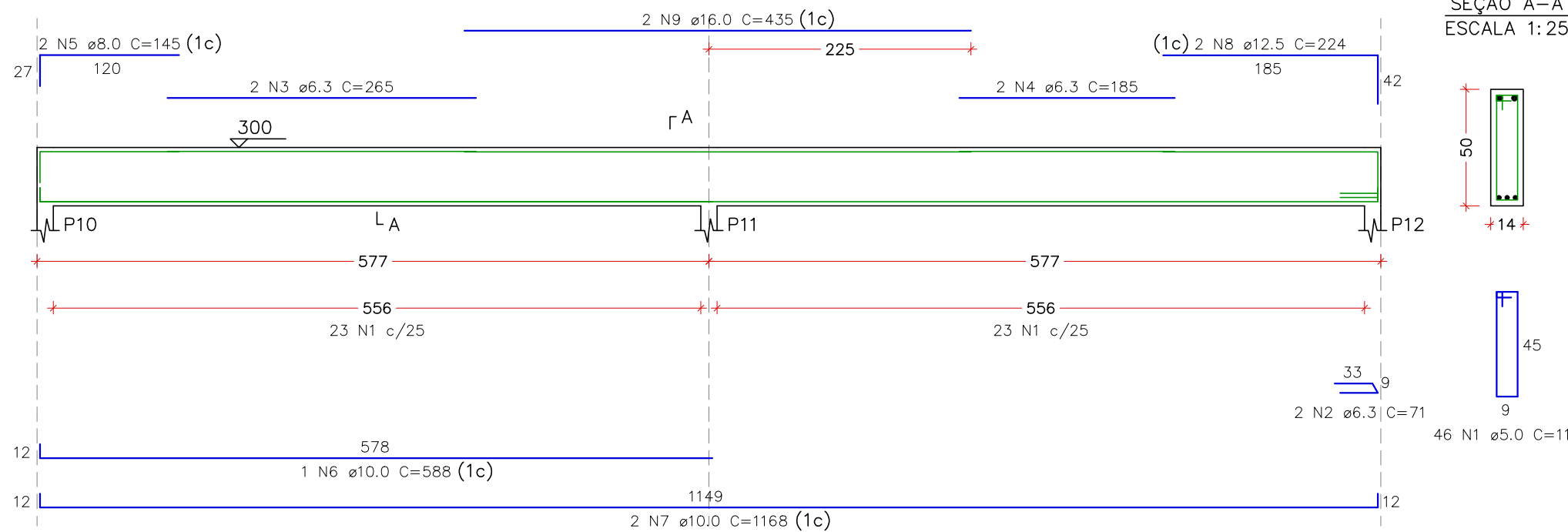
VC301
ESCALA 1:50



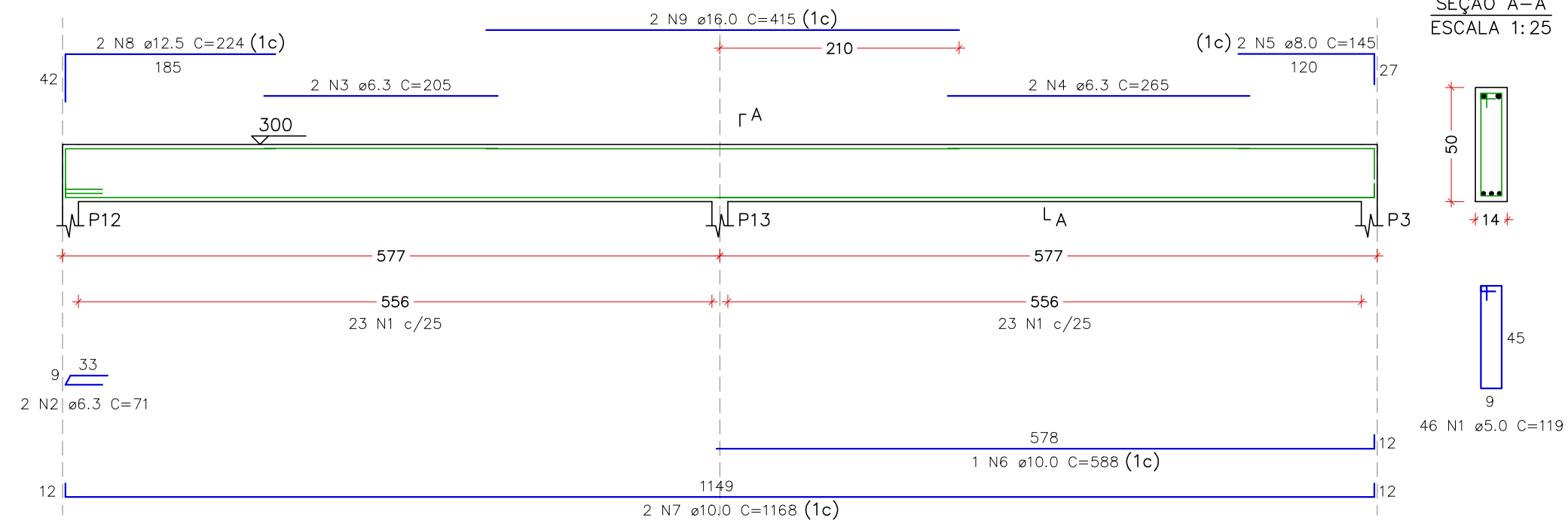
VC302
ESCALA 1:50



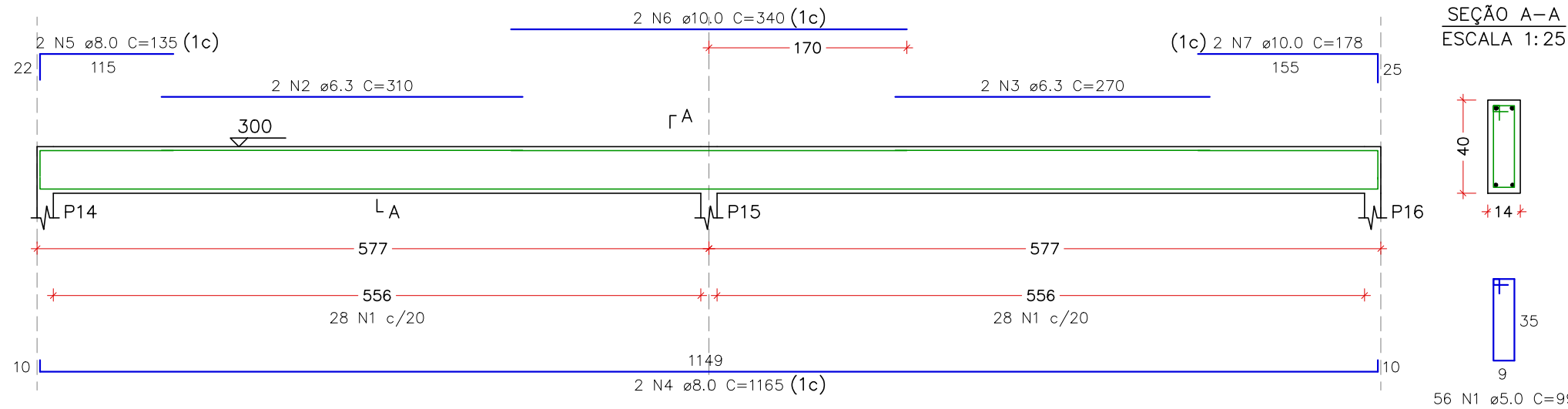
VC303
ESCALA 1:50



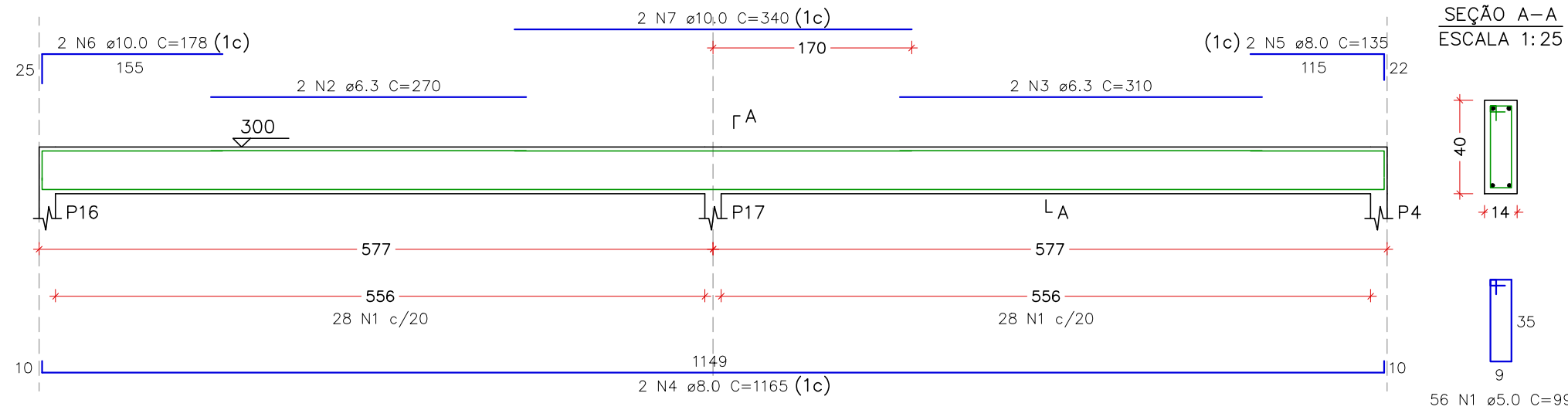
VC304
ESCALA 1:50



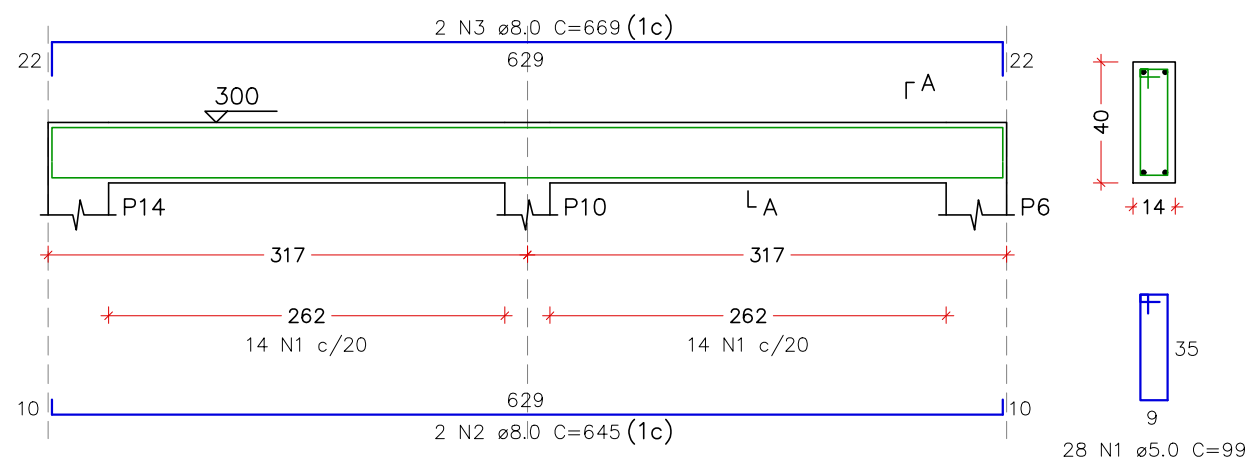
VC305
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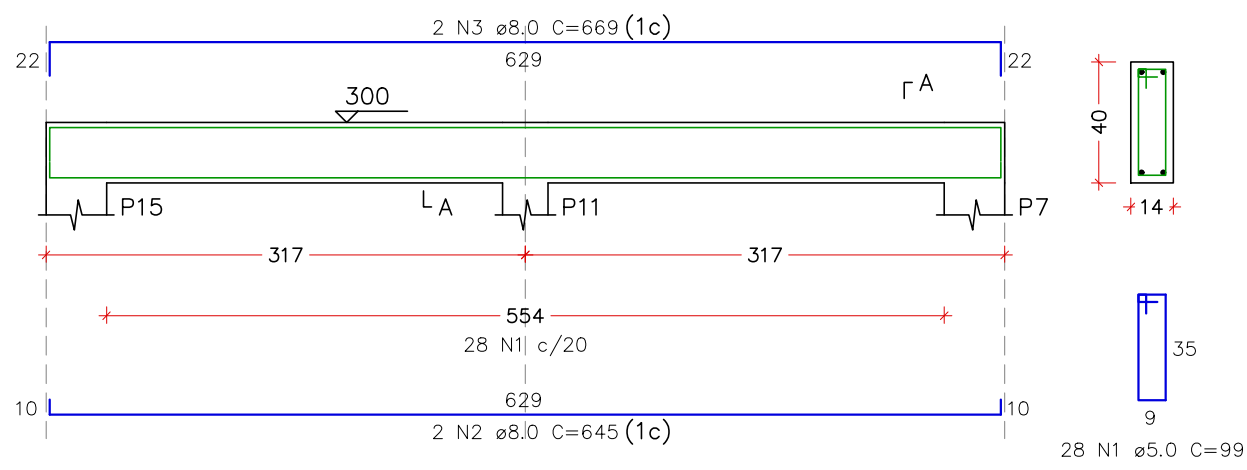
VC306
ESCALA 1:50



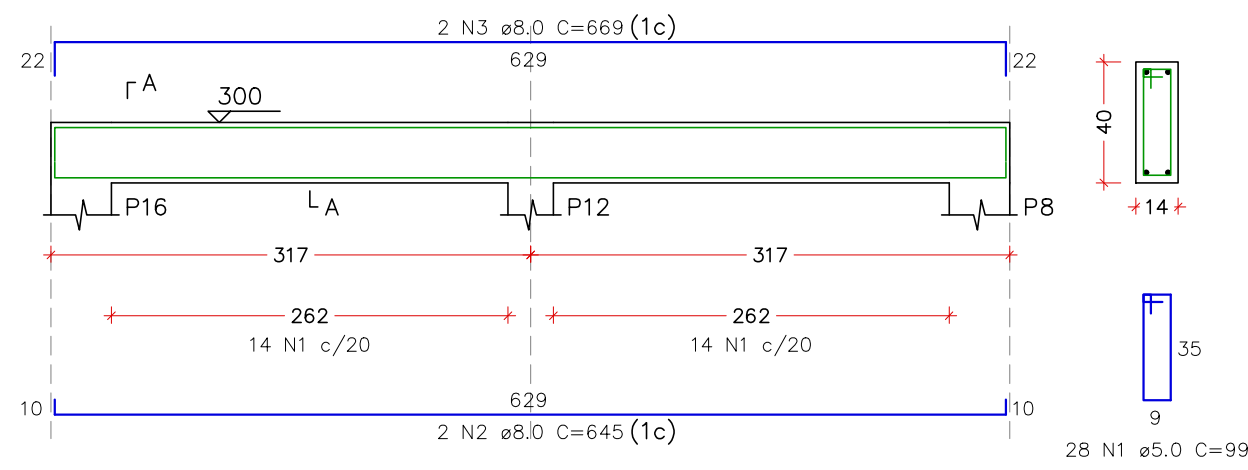
VC307
ESCALA 1:50



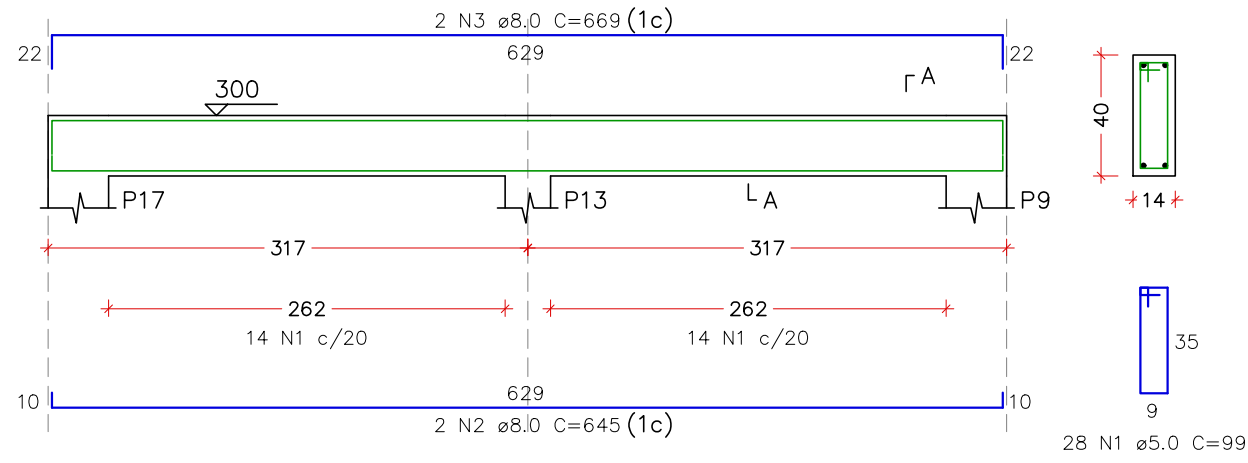
VC308
ESCALA 1:50



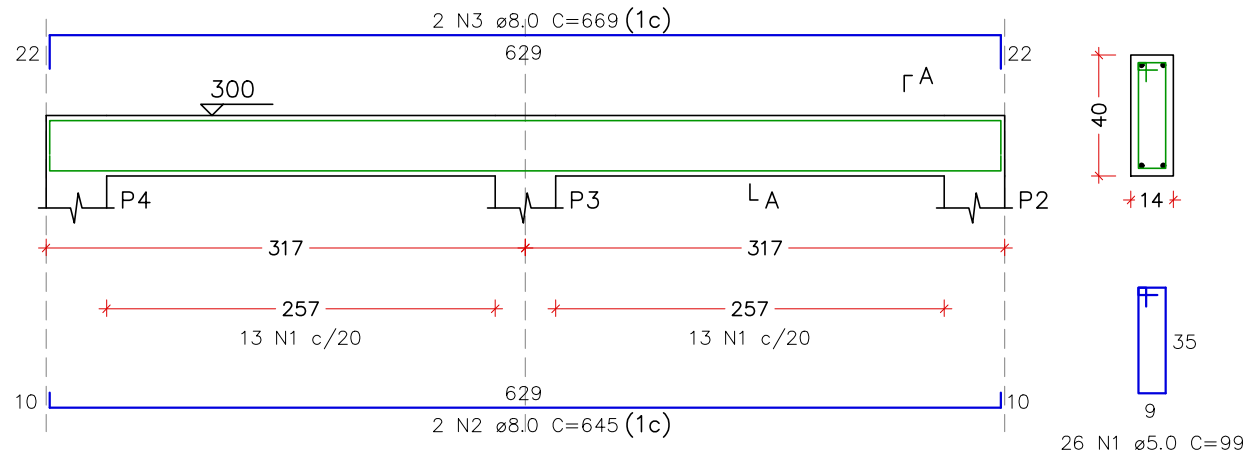
VC309
ESCALA 1:50



VC310
ESCALA 1:50



VC311
ESCALA 1:50



RELAÇÃO DO AÇO

ELEMENTO	AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VC301	CA60	1	5.0	56	99	5544
	CA50	2	6.3	310	620	620
	CA50	3	6.3	270	540	540
	CA50	4	8.0	2	1165	2330
	CA50	5	8.0	2	135	270
VC302	CA50	6	10.0	2	340	680
	CA50	7	10.0	2	178	356
	CA60	1	5.0	56	99	5544
	CA50	2	6.3	270	540	540
	CA50	3	6.3	2	310	620
VC303	CA50	4	8.0	2	1165	2330
	CA50	5	8.0	2	135	270
	CA50	6	10.0	2	178	356
	CA50	7	10.0	2	340	680
	CA60	1	5.0	46	119	5474
VC304	CA50	2	6.3	2	71	142
	CA50	3	6.3	2	205	410
	CA50	4	6.3	2	265	530
	CA50	5	8.0	2	145	290
	CA50	6	10.0	1	588	588
VC305	CA50	7	10.0	2	1168	2336
	CA50	8	12.5	2	224	448
	CA50	9	16.0	2	415	830
	CA60	1	5.0	56	99	5544
	CA50	2	6.3	2	310	620
VC306	CA50	3	6.3	2	270	540
	CA50	4	8.0	2	1165	2330
	CA50	5	8.0	2	135	270
	CA50	6	10.0	2	178	356
	CA50	7	10.0	2	340	680
VC307	CA60	1	5.0	28	99	2772
	CA50	2	8.0	2	645	1290
	CA50	3	8.0	2	669	1338
	CA60	1	5.0	28	99	2772
	CA50	2	8.0	2	645	1290
VC308	CA50	3	8.0	2	669	1338
	CA60	1	5.0	28	99	2772
	CA50	2	8.0	2	645	1290
	CA50	3	8.0	2	669	1338
	CA60	1	5.0	28	99	2772
VC309	CA50	2	8.0	2	645	1290
	CA50	3	8.0	2	669	1338
	CA60	1	5.0	28	99	2772
	CA50	2	8.0	2	645	1290
	CA50	3	8.0	2	669	1338
VC310	CA60	1	5.0	28	99	2772
	CA50	2	8.0	2	645	1290
	CA50	3	8.0	2	669	1338
	CA60	1	5.0	28	99	2772
	CA50	2	8.0	2	645	1290
VC311	CA50	3	8.0	2	669	1338
	CA60	1	5.0	28	99	2772
	CA50	2	8.0	2	645	1290
	CA50	3	8.0	2	669	1338
	CA60	1	5.0	28	99	2772

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	67.6	18.2
CA50	8.0	241.2	104.7
CA50	10.0	99.9	67.8
CA50	12.5	9	9.5
CA50	16.0	17	29.5
CA50	5.0	467.9	79.3
PESO TOTAL (kg)			
CA50	229.7		
CA60	79.3		

VOLUME DE CONCRETO (C=30) = 5.51 m³
ÁREA DE FORMA = 76.01 m²



Prefeitura Municipal
de Pouso Alegre

PROJETO



Rua Cel. Joaquim Francisco, 341, Bairro Varginha
CEP: 37501-052 – Itajubá / MG
Tel: (35) 2143 – 9087
www.docengenharia.com.br

COORDENAÇÃO

RAFAEL BARBOSA CARREIRA CAU: 00A155411-5
RESPONSÁVEL TÉCNICO E AUTOR

ALOISIO CAETANO FERREIRA CREA: MG-97.132/D

EMPREENHIMENTO

AMPLIAÇÃO DO CEIM MARILISA LOPES DE OLIVEIRA

ENDEREÇO

RUA LUÍS BARBATO, 336 – B. JARDIM AURELIANO
POUSO ALEGRE – MINAS GERAIS

ASSUNTO

PROJETO ESTRUTURAL EM CONCRETO ARMADO
SALAS
DETALHAMENTO DAS VIGAS DO PAV. COBERTURA

DISCIPLINA

ESTRUTURAL

FASE DO PROJETO

EXECUTIVO

FOLHA Nº.

08/25

DATA INICIAL

17/07/2024

ESCALA

INDICADA

REVISÃO

R00

ARQUIVO

DAC-PMPA-MLO-PE-EST.DWG